Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

　　　1-35 (canceled).

　　　36(new).　　　A transmitter capable of transmitting synchronization data for synchronizing information other than audio or video with at least one of audio or video, said transmitter comprising:

　　　(a)　　　an application time clock that determines a rate of data entering at least one of an audio encoder or a video encoder, each sending data to a multiplexer in first and second data streams, respectively;

　　　(b)　　　a 27 MHZ system clock operatively interconnected to said multiplexer;

　　　(c)　　　a data server having storage storing said information other than audio or video;

　　　(d)　　　a first packetizer that packetizes said information other than audio or video and sends packetized said information to said multiplexer in a third data stream separate from said first and second data streams;

　　　(e)　　　a clock sampler sampling said application time clock; and

　　　(f)　　　a second packetizer, apart from said first packetizer, that packetizes samples of said application time clock and sends said packetized samples to said multiplexer in a fourth data stream separate from said first, second, and third data streams.

　　　37.　　　The transmitter of claim 36 where said application time clock is based on frames of video per second.

　　　38.　　　The transmitter of claim 36 including a modem transmitting data to a receiver capable of reconstructing both said system time clock and said application time clock.

　　　39.　　　The transmitter of claim 36 where said multiplexer samples said system clock to encode presentation time stamps into a transport bit stream.

40.   The transmitter of claim 39 where said system clock is down-sampled to 90 KHz by only encoding the 30 most significant bits of said system clock.

41.   A receiver capable of receiving synchronization data for synchronizing information other than audio or video with at least one of audio or video, said receiver comprising:

(a)   a de-multiplexer receiving a transport bit stream and recovering first, second, and third data streams for reconstructing video, audio, and other than video or audio data, respectively;

(b)   a first clock reconstruction unit that reconstructs a 27MHz system clock used to synchronize said video and audio; and

(c)   a second clock reconstruction unit reconstructs an application time clock different from said system clock, said application time clock used to synchronize the presentation of said information other than audio or video with at least one of said audio or video.

42.   The receiver of claim 41 where said second clock reconstruction unit reconstructs said application time clock using packetized samples of said application time clock recovered from said transport bit stream.

43.   The receiver of claim 41 where said second clock reconstruction unit reconstructs said application time clock using packetized samples of said application time clock and presentation time stamps sampled from said system clock, each recovered from said transport bit stream.

44.   The receiver of claim 41 where said other than video or audio data is reconstructed reconstructed asynchronously from at least one of said video or audio data, and stored in a buffer for synchronous presentation with said at least one of said audio or video, synchronized using said recovered application time clock.